

>XM_169439 ACCESSION:XM_169439 NID: gi 20561686 ref XM_169439.1
Homo sapiens similar to G protein-coupled receptor 56;
EGF-TM7-like (LOC222487), mRNA
Length = 1803

Score = 1008 bits (2578), Expect = 0.0
Identities = 549/600 (92%), Positives = 549/600 (92%), Gaps = 51/600 (8%)
Frame = +1

Query: 1 MATPRGLGALLLLLLLPTSGQEKPTEGPRNTCLGSNNMYDIFNLNDKALCFTKCRQSGSD 60
MATPRGLGALLLLLLLPTSGQEKPTEGPRNTCLGSNNMYDIFNLNDKALCFTKCRQSGSD
Sbjct: 1 MATPRGLGALLLLLLLPTSGQEKPTEGPRNTCLGSNNMYDIFNLNDKALCFTKCRQSGSD 180

Query: 61 SCNVENLQRYWLNYEAHLMKEGLTQKVNTPFLKALVQNLSTNTAEDFYFSLEPSQVPRQV 120
SCNVENLQRYWLNYEAHLMKEGLTQKVNTPFLKALVQNLSTNTAEDFYFSLEPSQVPRQV
Sbjct: 181 SCNVENLQRYWLNYEAHLMKEGLTQKVNTPFLKALVQNLSTNTAEDFYFSLEPSQVPRQV 360

Query: 121 MKDEDKPPDRVRLPKSLFRSLPGNRSVVRLAVTILDIGPGTLFKGPRLGLGDGSVLNRR 180
MKDEDKPPDRVRLPKSLFRSLPGNRSVVRLAVTILDIGPGTLFKGPRLGLGDGSVLNRR
Sbjct: 361 MKDEDKPPDRVRLPKSLFRSLPGNRSVVRLAVTILDIGPGTLFKGPRLGLGDGSVLNRR 540

Query: 181 LVGLSVGQMHVTKLAEPLEIVFSHQRPNNMTLTCVFWDVTKGTTGDSSEGCSTEVRPE 240
LVGLSVGQMHVTKLAEPLEIVFSHQRPNNMTLTCVFWDVTKGTTGDSSEGCSTEVRPE
Sbjct: 541 LVGLSVGQMHVTKLAEPLEIVFSHQRPNNMTLTCVFWDVTKGTTGDSSEGCSTEVRPE 720

Query: 241 GTVCCCDHHTFFALLRPTLDQSTVHILTRISQAGCGVSMIFLAFTIILYAF----- 292
GTVCCCDHHTFFALLRPTLDQSTVHILTRISQAGCGVSMIFLAFTIILYAF
Sbjct: 721 GTVCCCDHHTFFALLRPTLDQSTVHILTRISQAGCGVSMIFLAFTIILYAFRAVPPPS 900

Query: 293 -----LRLSRERFKSEDAPKIH 309
LRLSRERFKSEDAPKIH
Sbjct: 901 PRHGPHPQQAECDLPAGRIAGPCERGLERQEKLPPAPQGGAWHLRLSRERFKSEDAPKIH 1080

Query: 310 VALGGSLFLLNLAFLNVGSGSKGSDAACWARGAVFHLYFLLCAFTWMGLEAFHLYLLAVR 369
VALGGSLFLLNLAFLNVGSGSKGSDAACWARGAVFHLYFLLCAFTWMGLEAFHLYLLAVR
Sbjct: 1081VALGGSLFLLNLAFLNVGSGSKGSDAACWARGAVFHLYFLLCAFTWMGLEAFHLYLLAVR 1260

Query: 370 VFNTYFGHYFLKLSLVGWLPAKMVIGTGSANSYGLYTIRDRENRTSLELCWFREGTTMY 429
VFNTYFGHYFLKLSLVGWLPAKMVIGTGSANSYGLYTIRDRENRTSLELCWFREGTTMY
Sbjct: 1261VFNTYFGHYFLKLSLVGWLPAKMVIGTGSANSYGLYTIRDRENRTSLELCWFREGTTMY 1440

Query: 430 ALYITVHGYFLITFLFGMVVLALVWKIFTLSRATAVKERGKNRKVLTLGLSSLVGVT 489
ALYITVHGYFLITFLFGMVVLALVWKIFTLSRATAVKERGKNRKVLTLGLSSLVGVT
Sbjct: 1441ALYITVHGYFLITFLFGMVVLALVWKIFTLSRATAVKERGKNRKVLTLGLSSLVGVT 1620

Query: 490 WGLAIFTPLGLSTVYIFALFNSLQGVFICCWFTILYLPSQSTTVSSSTARLDQAHASASQE 549
WGLAIFTPLGLSTVYIFALFNSLQGVFICCWFTILYLPSQSTTVSSSTARLDQAHASASQE
Sbjct: 1621WGLAIFTPLGLSTVYIFALFNSLQGVFICCWFTILYLPSQSTTVSSSTARLDQAHASASQE 1800